

Declaration for Patent Application

As a below named inventor, I hereby declare that:

Docket Number: 0609.4350001

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled Identification of Agents For Use in the Treatment of Alzheimer's Disease, the specification of which is attached hereto unless the following box is checked:

- ☒ was filed on September 8, 1999,
as United States Application Number or PCT International Application Number 09/380,704; and
was amended on September 8, 1999.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Application No.)	(Country)	(Day/Month/Year Filed)	Priority Claimed
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Application No.)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application No.)	(Filing Date)
_____	_____
(Application No.)	(Filing Date)
_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>PCT/US98/04683</u>	<u>11 March 1998</u>
(Application No.)	(Filing Date)
<u>08/816,122</u>	<u>11 March 1997</u>
(Application No.)	(Filing Date)

<u>published</u>
(Status - patented, pending, abandoned)
<u>abandoned</u>
(Status - patented, pending, abandoned)

09380704-060600

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Ashley I. BUSH	Date
Signature of sole or first inventor		
Residence	91 Summer Street #3, Somerville, Massachusetts 02143	
Citizenship	Australia	
Post Office Address	same as above	
Full name of second inventor	Xudong HUANG	Date
Signature of second inventor		
Residence	402 Range Avenue, Apt. 10L, Cambridge, Massachusetts 02140	
Citizenship	China	
Post Office Address	same as above	
Full name of third inventor	Craig S. ATWOOD	Date
Signature of third inventor	X <i>Craig S. Atwood</i>	X 1/14/00
Residence	19 Aldersden Street, #3 Somerville, Massachusetts 02143	
Citizenship	Australia	
Post Office Address	same as above	

Full name of fourth inventor	Rudolph E. TANZI	
Signature of fourth inventor		
Residence	3 Oceanside Drive, Hull, Massachusetts 02045	Date
Citizenship	United States of America	
Post Office Address	same as above	
Full name of fifth inventor		
Signature of fifth inventor		
Residence		Date
Citizenship		
Post Office Address		

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SCUF Rev. 3/2004 use.

(Supply similar information and signature for subsequent joint inventors, if any)

09380704.06094350001

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(Day/Month/Year Filed)

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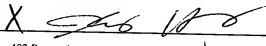
Send Correspondence to:

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Signature of sole or first inventor	Date
Residence	91 Summer Street #3, Somerville, Massachusetts 02143
Citizenship	Australia
Post Office Address	same as above
Full name of second inventor	Xudong HUANG
Signature of second inventor	X  Date
Residence	402 Range Avenue, Apt. 10L, Cambridge, Massachusetts 02140 MA.
Citizenship	China
Post Office Address	same as above
Full name of third inventor	Craig S. ATWOOD
Signature of third inventor	Date
Residence	19 Aldersden Street, #3, Somerville, Massachusetts 02143
Citizenship	Australia
Post Office Address	same as above

Full name of fourth inventor	Rudolph E. TANZI
Signature of fourth inventor	Date
Residence	3 Oceanside Drive, Hull, Massachusetts 02045
Citizenship	United States of America
Post Office Address	same as above
Full name of fifth inventor	
Signature of fifth inventor	Date
Residence	
Citizenship	
Post Office Address	

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SECLP Rev. 5/2/98 msc

(Supply similar information and signature for subsequent joint inventors, if any)

09380704-060600

Declaration for Patent Application

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Docket Number: 0609.4350001

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Priority Claimed

(Application No.)

(Country)

(Day/Month/Year Filed)

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(Country)

(Day/Month/Year Filed)

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(Application No.)

(Filing Date)

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(Filing Date)

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Appl. No. 09/380,704
Docket No. 0609.4350001

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1-D0
Full name of sole or first inventor

Ashley I. BUSH

Signature of sole or first inventor

Ashley I. Bush

Residence

91 Summer Street #3, Somerville, Massachusetts 02143

1/3/00

Date

Citizenship

Australia

MA

Post Office Address

same as above

Full name of second inventor

Xudong HUANG

Signature of second inventor

Residence

402 Range Avenue, Apt. 10L, Cambridge, Massachusetts 02140

Date

Citizenship

China

Post Office Address

same as above

Full name of third inventor

Craig S. ATWOOD

Signature of third inventor

Residence

19 Aldersden Street, #3, Somerville, Massachusetts 02143

Date

Citizenship

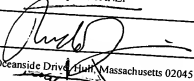
Australia

Post Office Address

same as above

4-vd

Appl. No. 09/380,704
Docket No. 0609.4350001

Full name of fourth inventor	Rudolph E. TANZI	
Signature of fourth inventor		
Residence	3 Oceanside Drive, Haverhill, Massachusetts 02045	Date 1/3/00
Citizenship	United States of America	MA.
Post Office Address	same as above	
Full name of fifth inventor		
Signature of fifth inventor		
Residence		Date
Citizenship		
Post Office Address		

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(Supply similar information and signature for subsequent joint inventors, if any)

09380704 060600

POWER OF ATTORNEY FROM ASSIGNEE

*RWS
Pg. No.
37, 193*

The General Hospital Corporation, a corporation of Massachusetts, having a principal place of business at 55 Fruit Street, Boston Massachusetts 02114, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 12/4/99, 1/19/00 and 1/2/00, respectively, of an invention known as Identification of Agents For Use in the Treatment of Alzheimer's Disease (Attorney Docket No. 0609.4350001), which is disclosed and claimed in a patent application of the same title by the inventors Ashley I. BUSH, Xudong HUANG, Craig S. ATWOOD, and Rudolph E. TANZI having Application Number 09/380,704 (said application being the U.S. National Phase of international application number PCT/US98/04683, having an international filing date of March 11, 1998, the U.S. National Phase entry documents filed on September 8, 1999 at the U.S. Patent and Trademark Office).

(13)

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; and Steven R. Ludwig, Registration No. 36,203. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
U.S.A.

Direct phone calls to 202-371-2600.

FOR: The General Hospital Corporation

SIGNATURE: _____

BY: _____

TITLE: _____

DATE: May 20, 2000

Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Ashley I. BUSH, Xudong HUANG, Craig S. ATWOOD, and Rudolph E. TANZI

Application No./Patent No.: 09/380,704 (U.S. National Phase of international appl. no. PCT/US98/04683, filed March 11, 1998)

Entitled: Identification of Agents For Use in the Treatment of Alzheimer's Disease

The General Hospital Corporation

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or

2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: May 3, 2000

Name: _____

Title: _____

Signature: _____

ASSIGNMENT

DO NOT FORWARD
TO ASSIGNMENT BRANCH
NOT FOR RECORDATION

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Ashley I. BUSH, Xudong HUANG, Craig S. ATWOOD and Rudolph E. TANZI, the undersigned inventors hereby sell and assign to The General Hospital Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

(a) in the invention(s) known as Identification of Agents For Use in the Treatment of Alzheimer's Disease for which application for patent in the United States of America has (have) been executed by the undersigned on 1/3/00, 12/4/99, 1/14/00, 1/3/00 and respectively
(also known as United States Application No. 09/380,704, which is the U.S. National Phase of international application no. PCT/US98/04683, filed March 11, 1998, U.S. national Phase entry documents filed September 8, 1999), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

RUC
Reg. No. 32, 893

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

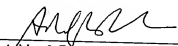
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The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond,

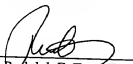
Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; and Steven R. Ludwig, Registration No. 36,203, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: 1/3/00 Signature of Inventor: 
Ashley I. Bush

Date: _____ Signature of Inventor: _____
Xudong Huang

Date: _____ Signature of Inventor: _____
Craig S. Atwood

Date: 1/3/00 Signature of Inventor: 
Rudolph E. Tanzi

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Ashley L. BUSH, Xudong HUANG, Craig S. ATWOOD and Rudolph E. TANZI, the undersigned inventors hereby sell and assign to The General Hospital Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

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(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Ashley I. Bush

Date: X 12/04/99 Signature of Inventor: X [Signature]
Xudong Huang

Date: _____ Signature of Inventor: _____
Craig S. Atwood

Date: _____ Signature of Inventor: _____
Rudolph E. Tanzi

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(a) in the invention(s) known as Identification of Agents For Use in the Treatment of Alzheimer's Disease for which application for patent in the United States of America has (have) been executed by the undersigned on X 14, 2000 11/3/00 12/1/00 1/14/00 and 1/3/00 1/14/00 (also known as United States Application No. 09/380,704, which is the U.S. National Phase of international application no. PCT/US98/04683, filed March 11, 1998, U.S. national Phase entry documents filed September 8, 1999), in any and all applications thereon, in any and all Letters Patent(s) thereof, and

REF 1/28/00

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

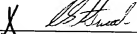
The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond,

Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; and Steven R. Ludwig, Registration No. 36,203, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Ashley I. Bush

Date: _____ Signature of Inventor: _____
Xudong Huang

Date: X 1/11/00 _____ Signature of Inventor: X  _____
Craig S. Atwood

Date: _____ Signature of Inventor: _____
Rudolph E. Tanzi